

CLAIMS

1. A barrier used during testing of a water line including an upstream pipe and a downstream pipe, said barrier comprising
a cylindrical wall, and
a planar disk disposed within the wall member substantially at a right angle to the cylindrical wall,
said cylindrical wall and planar disk being a single piece body,
said planar disk forming within the wall member
on one side of the planar disk a first region sized to receive the upstream pipe and provide a watertight fit therewith and
on the other side of the planar disk a second region sized to receive the downstream pipe and provide a watertight fit therewith,
said planar disk being removable and acting as barrier that prevents water from flowing from the upstream pipe into downstream pipe until removed.
2. The barrier of Claim 1 where the planar disk is adapted to be ruptured upon completion of the testing to allow water to flow from the upstream pipe into downstream pipe.
3. The barrier of Claim 1 where the cylindrical wall and the planar disk are molded as a unitary structure.
4. The barrier of Claim 3 where the barrier is made of a rubber or plastic.
5. The barrier of Claim 1 where, during testing, the upstream pipe abuts the one side of the planar disk and the downstream pipe abuts the other side of the planar disk.
6. The barrier of Claim 1 where the cylindrical wall has an upstream section and a downstream section each of the same diameters.
7. A barrier used during testing of a water line including an upstream pipe and a

1 downstream pipe, each pipe having a predetermined circumferential configuration,
2 said barrier comprising
3 a single piece body including
4 an upstream wall section having an internal circumferential
5 configuration substantially the same as the circumferential configuration of the
6 upstream pipe,
7 a downstream wall section having an internal circumferential
8 configuration substantially the same as the circumferential configuration of the
9 downstream pipe
10 a removable barrier wall disposed between the upstream wall section
11 and the downstream wall section to block the flow of water between the wall
12 sections and to form a first region sized to receive the upstream pipe and
13 provide a watertight fit therewith and a second region sized to receive the
14 downstream pipe and provide a watertight fit therewith.

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16 8. The barrier of Claim 7 where the single piece body is a molded unitary
17 structure.

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19 9. The barrier of Claim 7 where the barrier wall is adapted to be ruptured by
20 puncturing upon completion of the testing to allow water to flow from the upstream
21 pipe into downstream pipe.

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23 10. The barrier of Claim 7 where the barrier is made of a rubber or plastic.

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25 11. The barrier of Claim 7 where, during testing, the upstream pipe abuts one side
26 of the barrier wall and the downstream pipe abuts the other side of the barrier wall.

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28 12. The barrier of Claim 7 where the wall sections each have a cylindrical
29 configuration with an internal circumferential configuration that is cylindrical.

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31 13. A water line comprising
32 an upstream pipe and a downstream pipe connected together by a single
33 piece body test barrier molded from rubber or plastic as a unitary structure,

1 said barrier comprising
2 a cylindrical wall, and
3 a removable planar disk disposed within the cylindrical wall,
4 said planar disk forming with the wall member
5 on one side of the planar disk a first region sized to receive the
6 upstream pipe and provide a watertight fit therewith, and
7 on the other side of the planer disk a second region sized to
8 receive the downstream pipe and provide a watertight fit therewith,
9 said upstream pipe having an end adjacent the one side of the planar
10 disk and the downstream pipe having an end adjacent the other side of the
11 planer disk.